



# MASTER LEDspot LV

## MASTER LED 5.5-50W 2700K MR16 24D

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suited to public areas such as receptions, lobbies, corridors, stairwells and washrooms, where the light is on all the time. The robustly designed MASTER LEDspot offers a choice of beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere.

### Warnings and Safety

- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

### Product data

General Information		Operating and Electrical	
Cap base	GU5.3 [ GU5.3]	Luminous intensity (nom.)	1800 cd
EU RoHS compliant	Yes	Colour Designation	Warm white (WW)
Nominal lifetime (nom.)	25000 h	Colour Temperature, horizontal (Nom)	2700 K
Switching cycle	50,000X	Lamp Luminous Efficacy EM (Nom)	75.00 lm/W
Technical type	5.5-50W	Colour consistency	<6
		Colour Rendering Index,horiz (Nom)	80
		LLMF at end of nominal lifetime (nom.)	70 %
Light Technical			
Colour Code	827 [ CCT of 2,700 K]	Input frequency	- Hz
Technical Beam Angle (Nom)	24 °	Power (Rated) (Nom)	5.5 W
Lamp Luminous Flux 25°C EL (Nom)	415 lm		

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Lamp current (nom.)	640 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.7
Voltage (Nom)	12 V

## Temperature

T-Case maximum (nom.)	95 °C
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## Controls and Dimming

Dimmable	No
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## Approval and Application

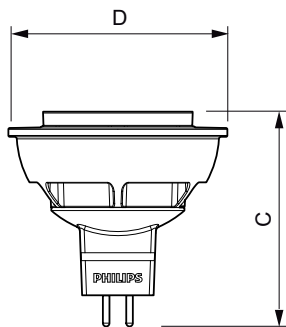
Energy efficiency label (EEL)	Not applicable
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Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	- kWh

## Product Data

Full product code	871869647599700
Order product name	MASTER LED 5.5-50W 2700K MR16 24D
EAN/UPC – product	8718696475997
Order code	929001145908
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	929001145908
SAP net weight (piece)	0.035 kg

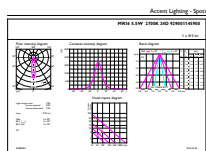
## Dimensional drawing



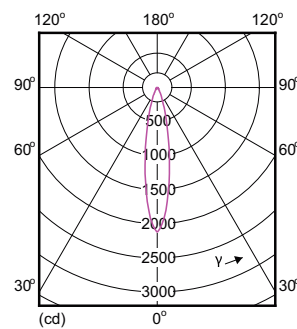
MR16 Black12V 5.5W-35W380lm2700K GU5.3ND

Product	D	C
MASTER LED 5.5-50W 2700K MR16 24D	50.2 mm	49 mm

## Photometric data



MASTER LED 5.5-50W MR16 GU5.3 2700K 415lm 24D



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